

Applicants: Iva Greenwald and Diane Levitan
Serial No.: Not Yet Known
Filed: Herewith
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SPEC

Amendments to the Specification:

Please insert the following paragraph at page 1, below the title:

This application is a divisional of U.S. Serial No. 09/043,944, filed March 27, 1998, which is a U.S. §371 National Stage application of PCT International Application PCT/US96/15727, filed September 27, 1996, and claims the benefit of U.S. Provisional Application No. 60/004,387, filed September 27, 1995, the contents of which are hereby incorporated by reference.

Please replace the Sequence Listing beginning at page 69 of the specification with the Sequence Listing submitted with the enclosed specification, following the Abstract of the Disclosure.

Please replace the paragraph beginning at page 14, line 5, with the following amended paragraph:

Applicants genetically mapped *sel-12* to the left of *unc-1* X: from hermaphrodites of genotype *sel-12(ar131) dpy-3(e27)/unc-1(e538)*, 1/36 Sel non-Dpy and 18/19 Dpy non-Sel recombinants segregated *unc-1*. To clone *sel-12*, applicants used the well correlated genetic and physical maps in the *sel-12* region to identify cosmid clones that potentially carried the *sel-12* gene (ref. 27 and A. Coulson et al., personal communication). Applicants assayed pools and single cosmids for the ability to rescue the Egl defect of *sel-12 (ar131)* hermaphrodites, using the plasmid pRF4 [rol-6 (*su1006*)] as a dominant cotransformation marker (28). Ultimately, applicants found that pSpX4, containing a 3.5 kb *SpeI/Xho* I subclone of C08A12 (Subcloned into KS